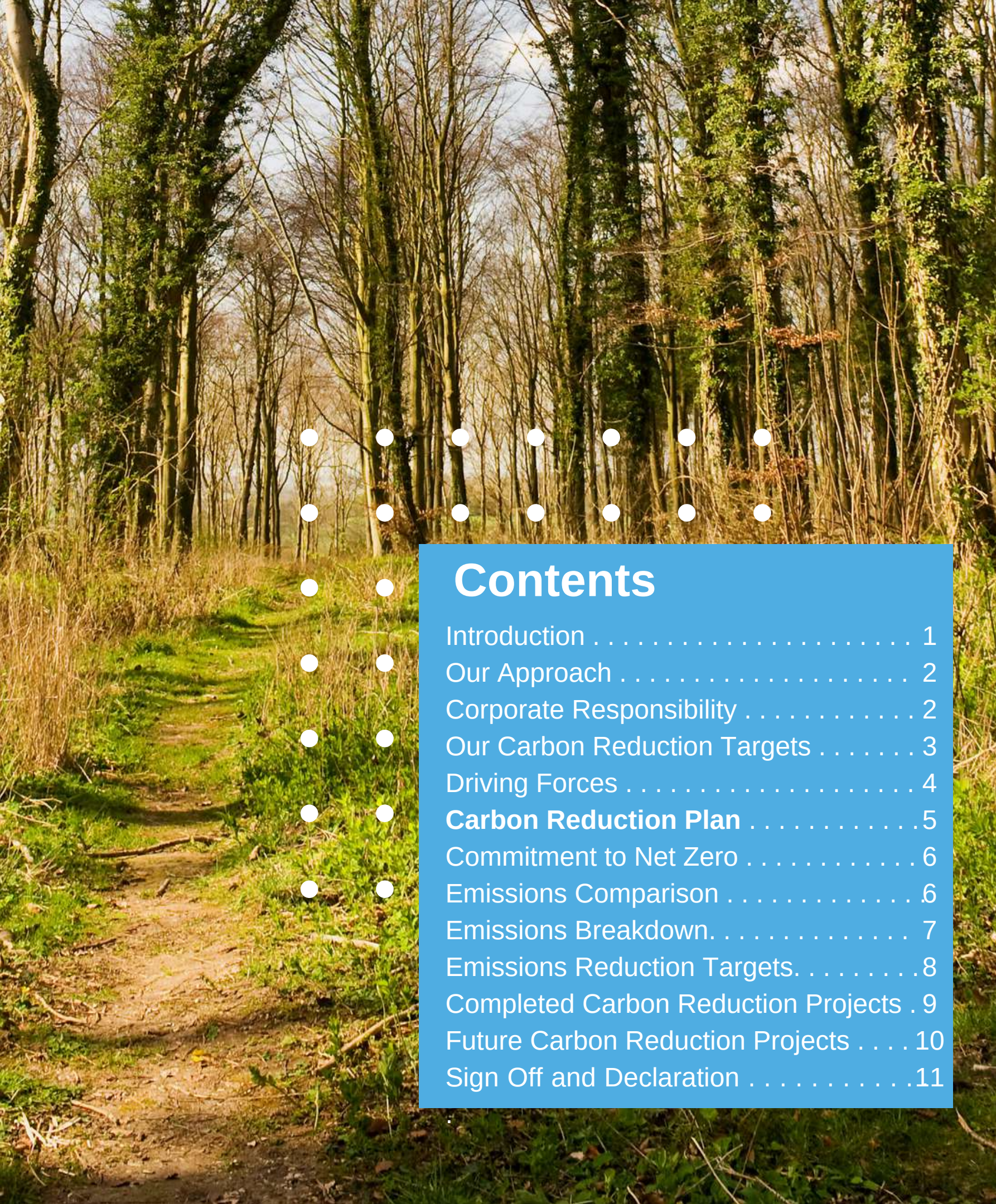


Dovecote Park | 2022

Towards a Sustainable Future

An ambitious Carbon Reduction Plan compliant with PPN 06/21





Contents

Introduction	1
Our Approach	2
Corporate Responsibility	2
Our Carbon Reduction Targets	3
Driving Forces	4
Carbon Reduction Plan	5
Commitment to Net Zero	6
Emissions Comparison	6
Emissions Breakdown.	7
Emissions Reduction Targets.	8
Completed Carbon Reduction Projects .	9
Future Carbon Reduction Projects . . .	10
Sign Off and Declaration	11

Introduction

The latest climate science indicates that the way we live is having a negative impact on our climate. The impacts of climate change are happening now. Forest fires and droughts are common, and scientists have documented evidence that sea levels are rising. There is a general consensus that unless we change, the future looks uncertain in terms of social, environmental, and economic conditions. The Paris Agreement of 2015 established a global goal of limiting global temperature rise to well below 2°C above pre-industrial levels, and pursuing efforts to limit warming to 1.5°C. In 2018, the Intergovernmental Panel on Climate Change warned that if global warming continues at its current pace, we will exceed 1.5°C, which would have catastrophic impacts on the planet.

In 2019 the UK became the first major economy to pass a Net Zero emissions law, meaning the UK government is legally required to reach Net Zero emissions by 2050. When the UK government published its procurement policy notice 06/21 (PPN 06/21), it was clear that businesses should focus on building back the economy in a sustainable fashion. Furthermore, PPN 06/21 requires any company bidding for government contracts to have a Net Zero goal and a carbon reduction plan in place.

“ We recognise the challenges faced by the meat industry and understand the necessity of adopting sustainability in everything we do. We view this as an opportunity to improve our practices and care more for our animals, staff and key stakeholders. We commit to delivering the best meat in the market and take every effort to reduce our environmental footprint. ”



(left to right) Simon Clark, Nick Dunn, Peter Boyes



Our Approach

Established in Yorkshire in 1997, Dovecote Park is proud to supply the finest British beef, veal and venison for the retail, fine dining and food service sectors nationwide. We are in a unique position to set an example for the meat industry by including sustainability in everything that we do. Sustainability is at the heart of everything we do and we recognise that climate change is the single biggest challenge the world faces.

At Dovecote Park, our purpose is to create a positive and lasting impact on people's lives, and we have the opportunity to introduce significant changes to the industry, produce sustainable meats and create climate-resilient supply chains.

The business is working towards setting a Net Zero target following the Science Based Target Initiative (SBTi) framework. That's why, in the coming years, we will have a strategic review of our policies and governance. We will commit to establishing measures that ensure we follow the best corporate standards and manufacture greener products.

Corporate Responsibility and Accountability

We are proud to supply the very finest British beef, veal and venison to Waitrose supermarkets nationwide. Sourcing directly from the Dovecote Park/Waitrose producer group, the company prides itself on maintaining the highest standards of animal welfare and husbandry. We are on a journey to create a sustainable future and we want to ensure that journey is transparent, credible, impactful, and measurable.

Cattle Connect

Cattle Connect is an innovative and unique integrated beef production scheme, which connects Waitrose dairy farmers with beef producers in order to ensure that calves produced at the dairy farms are retained within the Waitrose supply chain. Through this sustainable and fully traceable internal supply chain, Dovecote Park not only ensures a steady stream of beef cattle for ourselves but also provides a benefit to our partners in the dairy industry.

Health, safety and the environment

As a business, we always demonstrate our commitment to the continual improvement of health, safety, welfare and environment through the prevention of accidents, ill health and environmental pollution, by the provision of information, instruction, training and supervision of all our colleagues' contractors and visitors as necessary. We continually improve the HSE management system to minimise the impact on the environment taking into account all significant risks and environmental impacts. In 2018 we become **ISO 14001: 2015 certified**, this has helped us meet the best environmental and safety standards in the industry.

We have had a **zero waste-to-landfill** policy in place since 2013, and we are currently looking into carbon-neutral beef production. We do a great deal of research and development work in these areas and work closely with our main customers who share our commitment to producing an environmentally conscious product.

Our Carbon Reduction Targets

Dovecote Park is committed to a 90% reduction in all scope 1, 2, and 3 emissions by 2035.

2035



SCIENCE
BASED
TARGETS

DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

BUSINESS
AMBITION FOR

1.5°C

enistic

carbon management

To support this target, we aim to have a complete GHG inventory by 2023 following the GHG protocol Corporate Value Chain standard. This will help us understand the full impact of our operations and tackle all our scope 3s.

All our emissions reductions will be primarily achieved through ambitious carbon reduction projects and offsetting carbon emissions will only be considered in cases of unavoidable emissions or residual emissions. Dovecote Park will work with its partners to establish a yearly emission reduction target and this KPI will be integrated into our reporting system to ensure annual targets are met. In addition to that we are working with our farms to help them identify emission reduction opportunities.

Emissions Categories

Currently, we measure all our scope 1 and scope 2 emissions following the GHG protocol, and we measure a subset of scope 3 emissions (PPN 06/21 requirement) following the Corporate Value Chain Scope 3 Standard

GHG Scope	Emissions sources
Scope 1	Direct emissions resulting from sources that are owned and controlled by Dovecote Park
Scope 2	Indirect emissions from purchase of electricity and onsite EV charging
Scope 3	Indirect emissions from other sources not included in Scope 1 and 2 categories



Our Driving Forces

1

A reputation for exceptional product

We are a privately owned business with a reputation for exceptional product, innovation and industry-leading animal welfare standards. Our facilities combine traditional British butchery techniques with some of the best technological prowess in the food sector.

3

Animal Welfare

Animal welfare is always at the forefront of what we do here at Dovecote Park. Every effort is made to ensure that our cattle are comfortable and free from stress throughout the procurement process. All our staff who deal directly with cattle are highly trained in welfare and handling techniques, with our housing and handling facilities designed to maximise animal comfort and reduce stress.

2

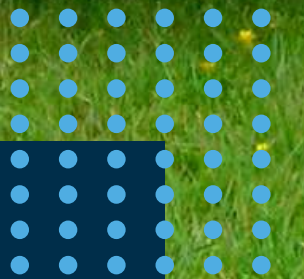
Ecologically forward-thinking

We are constantly experimenting with new and innovative methods of production, testing new products to reflect global food trends and offering the best product to the consumer. We are also committed to being a socially responsible and ecologically forward-thinking business.

4

Supporting British farming

Dovecote Park prides itself on building and maintaining a close, two-way relationship with our farmers. We only take cattle from specially selected British farms, with many of our producers supplying us since the very beginning. Our livestock team also carry out extensive research and development, alongside our business partners and universities, into genetics, feed analysis, environmental impact, and more.



Dovecote Park Carbon Reduction Plan - in accordance with requirements for PPN 06/21



Commitment to Net Zero

Dovecote Park is committing to becoming net zero by **2035** in line with the 1.5-degree Science-Based Targets Initiative. Our carbon reduction goals align with the IPCC’s carbon reduction roadmap and we seek to go above & beyond by committing to the Science Based Target Initiative (SBTi) to reach our target.

This report sets out a Net Zero roadmap, detailing the strategies we have put in place to achieve this goal.

Emissions Comparison

The table below shows both our baseline year (2020/2021) and reporting year (2021/2022) emissions. Baseline emissions are a record of the GHGs that have been produced in the past – before introducing any strategies to reduce emissions – and are the reference point against which emission reductions can be measured.

2020-2021 was the first year where we had a complete GHG inventory, which is required for PPN 06/21 compliance. Our current reporting period is 01 Oct 2021 - 30 Sep 2022.

Emissions	Total (tCO2e) for reporting period	Total (tCO2e) for baseline period	% Change
Scope 1	4,316	5,453	-21%
Scope 2	3,059	3,112	-2%
Scope 3 (Including Sources)	11,635	11,925	-2%
Total Emissions	19,011	20,490	-7%

Note: UK-specific emissions factors were used for all calculations – even for sites not in the UK.

Baseline Year Calculation Assumptions

- Upstream transportation and distribution were estimated using general assumptions on distance and number of deliveries per month.
- Scope 3 category 7 employee commuting, estimated using the average distance between employee residence and place of work.

Reporting Year Calculation Assumptions

- Scope 1 gas includes WTT emissions.
- Scope 2 electricity includes WTT and T&D emissions.

Emissions Breakdown

Scope 1	Total (tCO2e) for reporting period	Total (tCO2e) for baseline period	% Change
1: Refrigerants	2,562	3,169	-19%
1: Fuel Combustion	1,352	1,905	-29%
1: Energy – Natural Gas	313	290	+8%
1: Company Vehicles	89	89	0%
Total Emissions Scope 1	4,316	5,453	-21%

Scope 2	Total (tCO2e) for reporting period	Total (tCO2e) for baseline period	% Change
2: Energy – Electricity	3,048	3,103	-2%
2: Wind Electricity	11	9	+22%
Total Emissions Scope 2	3,059	3,112	-2%

Scope 3	Total (tCO2e) for reporting period	Total (tCO2e) for baseline period	% Change
3.01: Purchased water	64	73	-12%
3.04: Deliveries (Upstream)	6,201	6,430	-3.6%
3.05: Waste generated in operations	243	248	-2%
3.07: Commuting and Home-working	179	226	-21%
3.09: Deliveries (Downstream)	4,948	4,948	0%
Total Emissions Scope 3	11,635	11,925	-2%



Emission Reduction Targets

The agricultural and food sectors, those involving livestock farming in particular have been under a great deal of pressure over the last few years, as the environmental impact of industrial food production has become more apparent. As a forward-thinking business within this sector, we feel a responsibility to think critically about our impact on the world.

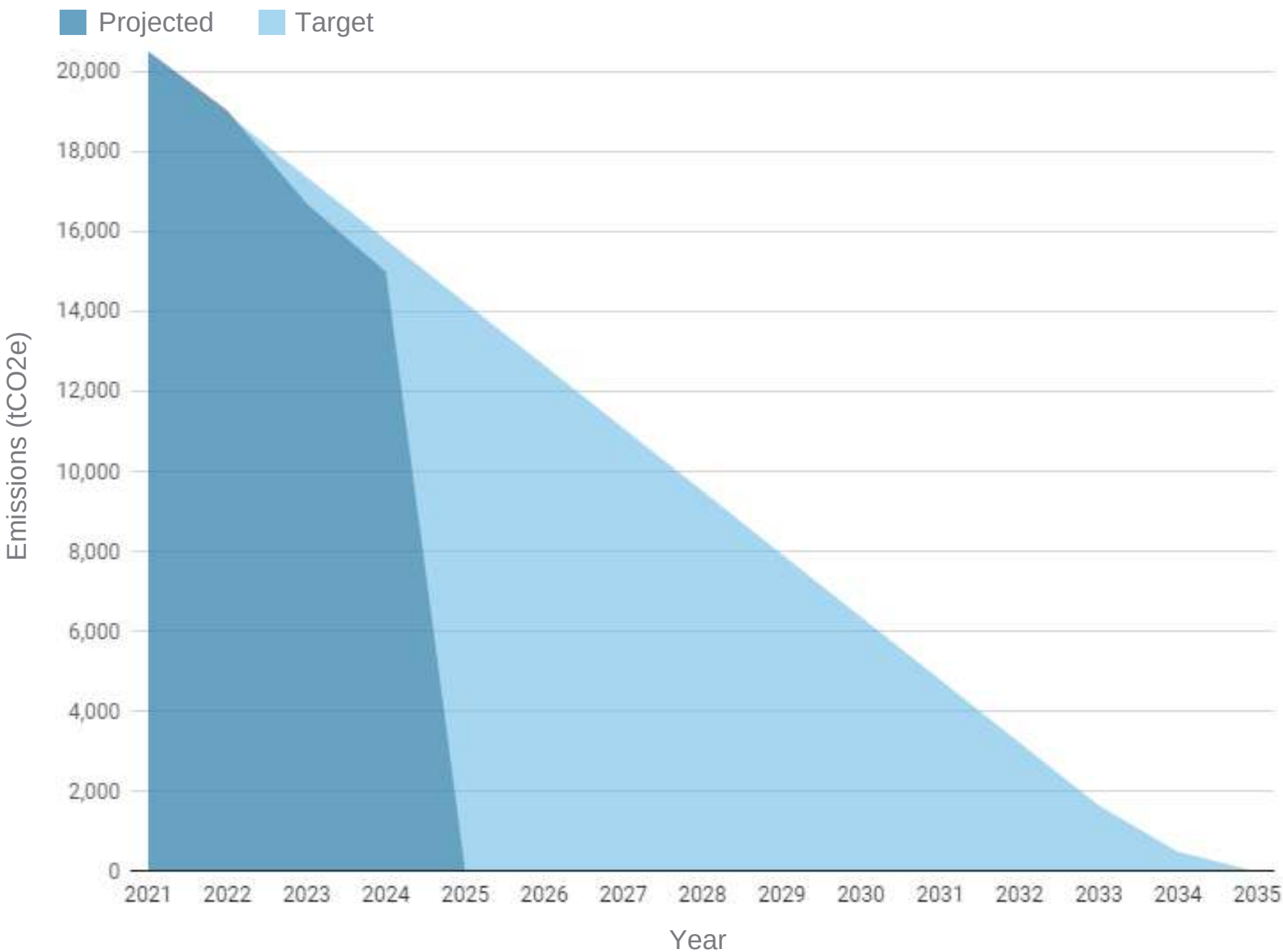
We commit to reducing our emissions to **Net-Zero by 2035** and as we complete the full measurement of our scope 3s, we will follow the Science Based Target Initiative framework to accredit our targets.

The graph on the right depicts our projected vs targeted emissions. This shows our expected emissions if they decrease in line with our 2035 targets alongside a projection of our emissions until 2025 based on our actual emissions from the 2020 to 2021 reporting year. We expect our emissions to reach Net-Zero by 2035 with a linear absolute reduction in carbon, but this may change as carbon reduction projects are implemented and new data is collected.

Our emissions were reduced by 7% in the current reporting year and we expect a further reduction of 27% by 2024 based on the carbon reduction projects we will implement.



2035 Emissions: Projected vs 2035 Target



Completed Carbon Reduction Projects

The following environmental management measures and projects have been completed or implemented before the 2020 baseline.

Procurement of renewable electricity

We take great efforts to operate in ways that challenge the mindset that meat production is inherently damaging to the planet. We installed a wind turbine in 2017 at our Stapelton site, and are now 25% self-sufficient in terms of energy. In the current reporting period alone the energy from the windmill has helped us save about 360 tonnes of CO2e.

Tracking our carbon footprint

Dovecote Park is working with Enistic Ltd to keep track of our carbon emissions. This enables us to understand the major sources of emissions within our business operations and helps us identify where emission reduction measures should be introduced. With the help of our partners, we have also been complying with the government’s SECR scheme

Continued energy improvement programme

Sustainability is at the heart of everything we do and we constantly look for opportunities to improve our operations. Since 2017 we have been updating our machinery to improve efficiency and reduce costs. In 2022, we replaced our existing air compressors and invertor motors with new ones.

Refrigerants Upgrade

Carbon emissions from refrigerants constitute 15% of our total emissions and we recognised the importance of using cleaner refrigerant gases. Therefore, in 2020 we initiated a project which replaced all R404A gas with R449A gas. The GHG emission factor for R449A is 65% lower than that of R404A. Hence this upgrade has helped us to avoid more than 5,000 tonnes of CO2e from our carbon footprint. We will further investigate alternative refrigerant gases that can reduce our environmental impacts.

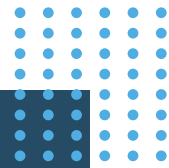
Change of boiler fuel - Gas Oil to LPG

Our Stapleton site has three boilers in place. We previously used Gas oil as the primary fuel in our boilers. However, after analysing our consumption we understood the necessity of using an alternative efficient fuel. Therefore in 2022, we initiated a project to replace the fuel used in our primary boiler with LPG which is 43% less carbon intensive when compared with gas oil. This change in boiler fuel has helped us to remove 100 tonnes of CO2e from our carbon footprint.



Future Carbon Reduction Projects

We aim to implement the following carbon reduction projects to reach our emission goals.



Train and advise staff on energy-efficient work practices

When it comes to reducing carbon emissions, having our team on the same page could go a long way. We understand running a staff awareness campaign could be a great way to encourage more environmentally-friendly behaviour. Having staff reduce emissions in this way is also likely to reduce usage costs.

Campaign elements could include educational and persuasive materials such as posters; stickers on or near equipment such as thermostats, computers, printers, light switches and machines which will remind staff of eco-friendly usage practices; and competitions with attractive prizes for people, departments or sites that have the lowest and/or most improved carbon footprint (or intensity). We expect to save 24 tonnes of CO₂e from this project.

Onsite energy generation - CHP Engine

We currently produce wind energy from a nearby wind farm at our Stapleton site. This is to ensure that we are more energy resilient and less dependent on grid electricity. The windmill supplies 20-25% of our electricity demand at Stapleton and saves approximately 500-600 tCO₂e per year, we aim to increase this savings by installing a CHP plant that supplies all our energy demand at Stapleton. The project is currently scheduled to begin in 2023. After successful completion, the onsite CHP plant is expected to help us reduce our CO₂e ongoing.

Supplier Policy

Nearly 60% of our emissions come from our purchased upstream and downstream delivery services. We expect this figure to increase as we complete our scope 3 inventory. Therefore, it is vital that we work with our suppliers to tackle our scope 3 emissions and we plan to design policies that ensure the capture of accurate carbon data which will facilitate further emission savings opportunities.

Onsite energy generation - Solar Energy and Other Opportunitites

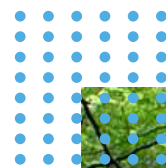
We plan to be self-sufficient to meet our energy demands. Therefore, we plan to install solar panels at our Skellingthorpe site to meet 30% of our electricity demand. After the successful completion of this project, we expect our emissions from this site will reduce by 217 tCO₂e.

FLT fleet conversion

Both our UK sites have a fleet of FLTs used for internal warehouse operations. Currently, white diesel is used for running them and we recognise the requirement of changing this to reduce our reliance on fossil fuels. Hence, we are currently testing FLTs that run on electric and LPG. FLTs that run on LPG have the potential of reducing emissions from our fleet by 20% whereas we are considering the complete electrification of the fleet which can considerably reduce our scope 1 emissions.

Purchase of renewable electricity

We have successfully implemented one project to produce renewable energy on-site and have two projects planned to ensure we future-proof our energy demand. However, there is a requirement to do everything possible to tackle carbon emissions to reduce global warming. Hence, after the implementation of our on-site energy products, we will consider the purchase of renewable electricity wherever possible.



Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans. Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard and uses the appropriate Government emission conversion factors for greenhouse gas company reporting.

Scope 1 and Scope 2 emissions have been reported in accordance with the Streamlined Energy and Carbon Reporting (SECR) requirements, and the subset of Scope 3 emissions have been reported in accordance with the published standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard.

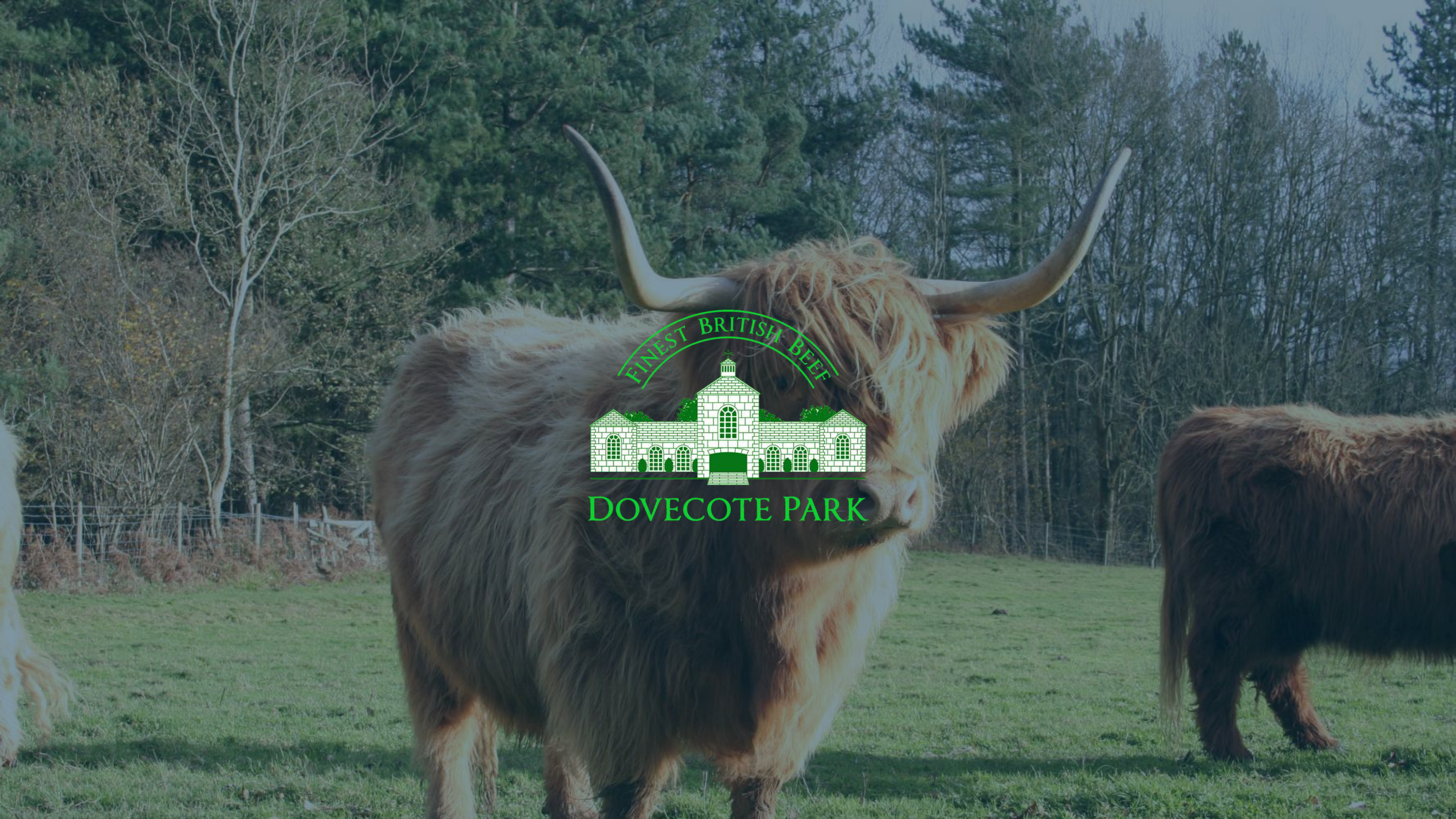
This Carbon Reduction Plan has been reviewed and signed off by the Board of Directors for Dovecote Park

Signed

Position

Date





FINEST BRITISH BEEF



DOVECOTE PARK